## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	_/0/552./58A
Source:	1FWQ,
Date Processed by STIC:	8/8/06

## ENTERED



**IFWO** 

RAW SEQUENCE LISTING DATE: 08/08/2006
PATENT APPLICATION: US/10/552,158A TIME: 08:29:23

Input Set : A:\Xenon 154.txt

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 6 <120> TITLE OF INVENTION: Juvenile Hemochromatosis Gene (HFE2A), Expression Products
        and Uses Thereof
9 <130> FILE REFERENCE: 760050-134
11 <140> CURRENT APPLICATION NUMBER: 10/552,158A
12 <141> CURRENT FILING DATE: 2005-10-12
14 <150> PRIOR APPLICATION NUMBER: 60/461,615
15 <151> PRIOR FILING DATE: 2003-04-09
17 <150> PRIOR APPLICATION NUMBER: 60/462,867
18 <151> PRIOR FILING DATE: 2003-04-15
20 <150> PRIOR APPLICATION NUMBER: 60/488,607
21 <151> PRIOR FILING DATE: 2003-07-18
23 <150> PRIOR APPLICATION NUMBER: 60/498,458
24 <151> PRIOR FILING DATE: 2003-08-28
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Input Set : A:\Xenon 154.txt

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	_		tcccgccagg				300
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			cattcggcag				240
			ggccttctca				300
			actctctcga				360
			gtgcaaggaa				420
			aatttctggt				480
			cttcctgcca				540
			ctcagcaacc				600
			gtaaggggac				660
			agaagaatgt				720
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Input Set : A:\Xenon 154.txt

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123	ggcttccagt gg	aagatgct	tacttccatt	cctgtgtctt	tgatgtttta	atttctggtg	600
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	cctgggggat cc						420
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	gttggggggt gc						600
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	cagatttcac cc				-	_	1140
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	aggtatgttc tg						1320
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Input Set : A:\Xenon 154.txt

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					gacttcctct		660
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205	aggcaagagc	tgaaagcaga	agacatgatc	attagccata	agaaactcaa	aggaggaaga	1740
206	cataattagg	gaaagaagtc	tatttgatga	atatgtgtgt	gtaaggtatg	ttctgctttc	1800
207	ttgattcaaa	aatgaagcag	gcattgtcta	gctcttaggt	gaagggagtc	tctgcttttg	1860
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Input Set : A:\Xenon 154.txt

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235	tgaccgacct	9999	gatcca	gtt	tgt	cgat	tca	aact	gct	aacc	ctgg	ga a	accat	gtgga	1080
236	gatccaagct	gcct	acatto	g gca	acaa	ctat	aat	catt	cgg	caga	acago	ctg g	ggcag	gctctc	1140
237	cttctccatc	aagg	tagcag	gagg	gatg	tggc	cat	ggcc	cttc	tcaç	gctga	ac a	aggad	ctgca	1200
238	gctctgtgtt	9999	ggtgco	cto	ccaa	gtca	gcg	gacto	ctct	cgat	caga	age g	gcaat	cgtcg	1260
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259 261 262 263 265 266 268 269 271 272 274 275 277 278 280 281 283 284	<pre>&lt;213&gt; ORGA &lt;400&gt; SEQU Met Gln Gl 1 Leu Pro Va  Gly Gly Se</pre>	NISM: ENCE: u Cys l Ala 20 r Ser n Ala n Leu r Ala n Arg 100 p Thr	Homo 10 Ile A 5 Phe C Leu S Ala A Glu C 85 Leu S Ala A	Asp (Slu ASer In Ser Asp Arg A	Gln Asp Ile Ile S5 Ser Asp Arg	Lys Gly Gln 40 Gly Ile Leu Ser Leu 120	Ser 25 Thr Thr Lys Gln Glu 105 Cys	10 Ile Ala Thr Val Leu 90 Arg	Asn Ile Ala 75 Cys Asn Glu	Gly Pro Ile 60 Glu Val Arg Gly	Gly 45 11e Asp Gly Arg Leu 125	Asp 30 Asn Arg Val Gly Gly 110 Pro	15 Arg His Gln Ala Cys 95 Ala Val	Pro Val Thr Met 80 Pro Ile Glu	
259 261 262 263 265 266 268 269 271 272 274 275 277 278 280 281 283 284	<pre>&lt;213&gt; ORGA &lt;400&gt; SEQU Met Gln Gl 1 Leu Pro Va  Gly Gly Se</pre>	NISM: ENCE: u Cys l Ala 20 r Ser n Ala n Leu r Ala n Arg 100 p Thr	Homo 10 Ile A 5 Phe C Leu S Ala A Glu C 85 Leu S Ala A	Asp (Slu ASer In Ser In Asp Aser In	Gln Asp Ile Ile S5 Ser Asp Arg	Lys Gly Gln 40 Gly Ile Leu Ser Leu 120	Ser 25 Thr Thr Lys Gln Glu 105 Cys	10 Ile Ala Thr Val Leu 90 Arg	Asn Ile Ala 75 Cys Asn Glu	Gly Pro Ile 60 Glu Val Arg Gly	Gly 45 11e Asp Gly Arg Leu 125	Asp 30 Asn Arg Val Gly Gly 110 Pro	15 Arg His Gln Ala Cys 95 Ala Val	Pro Val Thr Met 80 Pro Ile Glu	

Input Set : A:\Xenon 154.txt

Output Set: N:\CRF4\08082006\J552158A.raw

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Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

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Input Set : A:\Xenon 154.txt

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